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UNIROYAL

## Material Safety Data Sheet

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SAFETY DATA INFORMATION: 203/573-3492

### I. IDENTIFICATION

Trade Name: SILAPRENE® ADHESIVE M6249

CAS Number: 9003-18-3 (base polymer)

Chemical Name: Nitrile Rubber adhesive

Chemical Family: Nitrile

### II. SPECIAL REGULATORY HAZARDS

<u>Ingredient</u>	<u>CAS No.</u>	<u>Exposure Limit</u>	<u>OSHA (1910.1200)</u>	<u>EEC*</u>
Product	NA	NA	Flammable	ND
Methyl ethyl Ketone ( 30%)	79-93-3	200ppm (OSHA) (ACGIH)	Acute toxicity	ND
Acetone ( 30%)	67-64-1	750ppm (ACGIH) 1000ppm (OSHA)	Acute toxicity	ND

Transportation: Adhesive; flammable liquid, UN1133 (DOT)

### III. PHYSICAL DATA

Appearance and Odor: Amber liquid with strong ketone odor

Solubility: Insoluble in water

Specific Gravity (H<sub>2</sub>O = 1): .871

Vapor Pressure @ 20°C: 71.2 - 400

Melting Point: NA

Vapor Density (Air = 1): 2.0 - 2.4

Boiling Point: 133°F

Volatility @ 70°F: 75%

Other Data: Evaporation rate (ether=1): 1.9-2.7

### IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 0°F (-17.8°C) TCC

Autoignition Temp: ND

Extinguishing Media: Foam, CO<sub>2</sub>, dry chemical

Flammable Limits in Air: LEL: 1.8; UEL:12.8

Special Fire Fighting Procedures: Protect against inhalation of combustion products.  
Water may be used to cool adjacent surfaces and fire-exposed containers only.

Unusual Hazards: Flammable liquid.

### V. REACTIVITY DATA

Stability: Stable at ambient temperatures and pressures.

Incompatibility: Strong oxidizer, acids and bases.

Decomposition Products: Oxides of carbon and nitrogen under burning conditions.

NA = Not Applicable

ND = Not Determined

\*European Economic Community

## VI. SPECIAL PROTECTION INFORMATION

**Engineering Controls:** Local exhaust ventilation strongly recommended to minimize any vapor exposure.

**Personal Protection Equipment:** Avoid all personal contact. Observe good personal hygiene. Impervious gloves and goggles should be worn when handling. In the absence of adequate ventilation, NIOSH-certified respiratory protection for organic vapor should be used as necessary.

## VII. STORAGE, SPILLS, AND DISPOSAL INFORMATION

**Storage:** Store and use away from all sources of direct heat and ignition. Keep containers closed when not in use.

**Spills:** Remove ignition sources. Absorb on inert material. Use non-sparking tools. Transfer into secure containers for proper disposal. Use personal protective equipment as outlined above.

**Disposal:** As a hazardous waste in accordance with EPA/RCRA regulations 40CFR 261.21 (a) (1) Ignitability: D001.

**Environmental Information:** Environmental effects have not been determined.

## VIII. HEALTH RELATED DATA

**Specific Hazard(s):** Exposure to vapor can cause irritation to eyes, lungs, and mucous membranes. Excess exposure can cause dizziness, headache, nausea, and narcosis. Contact with liquid can cause eye and skin irritation and skin defatting.

**Primary Route(s) of Entry:** Inhalation

### First Aid Procedures:

<u>Eye Contact:</u>	Flush with water for 15 minutes. Contact physician.
<u>Skin Contact:</u>	Clean with rubbing alcohol, if available, followed by soap and water.
<u>Inhalation:</u>	Remove to fresh air. Administer oxygen or artificial respiration, if necessary. Contact physician.
<u>Ingestion:</u>	Contact physician.

### Toxicology Information:

There is no toxicity data on this product. The specific hazards described are associated with the solvents.

**Date Issued:** June 10, 1985

**Date Revised:**

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